

THREE NEW SPECIES OF OURATEA (OCHNACEAE) FROM PANAMA

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In preparing a treatment of the family Ochnaceae for a forthcoming issue of the Flora of Panama I encountered three new species of Ouratea.

1. OURATEA COCLEENSIS Dwyer, sp. nov.

Arbores ad 10 m altae, ramulis teretibus laevibus glabris. Folia petiolis ad 0.8 cm longis, oblongo-rotunda, ad 11 cm longa, ad 4.5 cm lata (lamina foliorum angustorum ad apicem cuneate disposita), basi rotunda vel obtusa, lamina tenui-coriacea laeve nitente glabra, costa supra plana, subtus prominente, venis lateralibus ca 15, prominulis sed non evanescentibus late arcuatis, venis intermediis paucis irregularibus, marginibus vel regularibus vel vix repandis, dentibus minutis, ca 3-5 mm distantibus; stipulae saepe persistentes amplexicaules vel divergentes, rectangulares, ad 1 cm longae, ad apicem angusto-cuneatae. Inflorescentiae hic pyramido-paniculatae axillares, ad 12 cm longae, ad 11 cm latae, ramis paucis patulis plano-compressis leviter tortis, infimis ad 6 cm longis, floribus solitariis vel geminatis in brevissimis ramis dispositis, locis articulationis ca 1.5 mm longis, pedicellis rectis crassis lignosis, ca 1 cm longis, ca 1 cm longis, gradatim ad perianthum amplificatis. Flores gemmis ovatis ad ovato-rotundis, ad apicem acutis; petala ca 8 mm longa. Fructus non visi.

PANAMA: Coclé: Cerro Pajita, N of El Valle de Antón, 3500 ft alt, Allen 449 (MO, holotype).

The new species resembles O. insulae Riley from which it differs in having a much more reduced panicle and leaves with the margins of the blades more or less uniform

2. OURATEA FLEXIPEDICELLATA Dwyer, sp. nov.

Suffrutices (?), ramulis teretibus laevibus. Folia petiolis ad 0.8 cm longis, crassis ascendentibus bene distantibus, lamina angusto-oblonga, ad 25 cm longa, ad 6.5 cm lata, ad apicem gradatim cuneata ultime acuminata, acumine ad 1.2 cm longo, basi obtusa, tenui-coriacea nitente glabra, costa supra prominula, subtus subprominente, venis lateralibus ca 10,

supra tenuibus vix prominulis, subtus conspicuis forte arcuatis, venis intermediis supra evanescentibus, subtus subconspicuis, aliquibus prime leviter arcuatis, tunc ad marginem evanescentibus, marginibus vix crassis repandis, dentibus 4-7 mm distantibus, eis in parte tertia superiore divergentibus, ad 1 mm longis. Inflorescentiae axillares vel terminales, anguste racemiformi-paniculatae, rhachidibus 8-30 cm longis, prime teretibus deinde ad apicem flexuosis, ramis arcuato-ascendentibus, brevibus, vix ad 1 cm longis, floribus 3-5 per bostrycem, bostrycibus inferioribus 0.5-2 cm distantibus. Flores pedicellis breviter articulatis ad 2 mm, filiformibus, in medio ca 0.75 mm latis, minute puberulis forte reflexis. Fructus (hic immaturi) receptaculo oblongo, ad 8 mm longo, drupis elliptico-rotundis, ca 4 mm longis.

PANAMA: Darien: forest near Pidique, 800-1000 ft alt, Duke 8050 (MO, holotype)

The new species is readily distinguished by its slender and obviously reflexed pedicels. It appears to be closely related to O. patelliformis Dwyer, described below as a new species, but differs in having a more rounded receptacle in the fruit.

3. OURATEA PATELLIFORMIS Dwyer, sp. nov.

Arbores ad 6 m, ramulis teretibus laevibus glabris. Folia bene distantia, petiolis ad 0.8 cm longis, vix crassis, lamina angusto-elliptica, 15-20 cm longa, 5-7 cm lata, ad apicem cuneata, acuminata deinde ultime acuta, basi obtusa vel subcuneata, tenui-coriacea nitente laeve glabra, costa supra prominula, ad petiolum saepe plana, subtus leviter prominente, venis lateralibus ca 20, vix evanescentibus lato-arcuatis, eis basalibus plerumque argute ascendentibus, marginibus distaliter biserratis (vel marginibus saepe in toto biserratis), dente longiore divergente. Inflorescentiae axillares vel terminales, angusto-racemiformi-paniculatae, 11-18 cm longae, rhachidibus gracilibus rubescentibus, ca 2 mm latis, tortis et plano-compressis, ramis paucis, 0.4-4.5 cm longis, bostrycibus solitariis vel geminatis, eis infra medium orientibus 3-5 flores ferentibus, locis articulationis ad 0.3 cm longis, pedicellis ca 7 mm longis. Flores non visi. Fructus receptaculo patelliforme, ca 4 mm longo, 6-10 mm lato, cicatricibus druparum circularibus, ca 2 mm latis, forte depressis.

PANAMA: Panama: Pacora, Allen 3445 (MO, holotype).

The saucer-shaped receptacle of the new species is unique for the Central American species of Ouratea.